

ATTORNEY'S DOCKET NUMBER: 2003390-0001 (ROBIC 2931300001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lancot, et al. Examiner: Tizio, Steven
Serial No.: 09/641,931 Art Unit: 1627
Filed: August 18, 2000
For: NUCLEIC ACID MOLECULE, METHOD AND KIT FOR SELECTING A
NUCLEIC ACID HAVING A DESIRED FEATURE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID
SEQUENCE DISCLOSURES**

Responsive to the Notice mailed August 12, 2002, Applicant respectfully requests
entrance of the following Amendment.

Amendment

In the Specification:

Beginning on a new page immediately before the claims, please replace the existing
Sequence Listing with the replacement Sequence Listing submitted herewith. Please renumber
subsequent pages accordingly.

On page 46, please replace Table 1 with the following Table 1, which includes SEQ ID
NOs:

TABLE 1

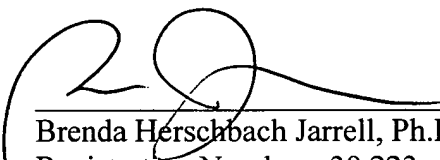
#	Length (bp)	Number of inserts	Nucleotide sequence	Putative translation product	GenBank hit (accession no., description)	Presence of signal peptide
1	132	25	tgaccaggggctctgcaacacaaggagtctgc atgtctaagtggtagagatgtcagcgttgggata cggggactctgttgccttgcagtaacttcgtgcct agcaacatgccaatatttgcatacggg (SEQ ID NO 34)	<u>MLSFVDTRTLLAVTSCLATCQ</u> <u>YLQSGSSRSAAP...</u> (SEQ ID NO. 38)	K01832 Mouse musculus procollagen, type 1, alpha 2	Yes
2	222	1	ccacgcgtgtgcacaatgggttcctcgcaggccacc ccggatggggagatgtgggaggccacgggctgat ggcattgtgatggccggcttattcttgcagggaat cttggctaaggagcattggggaccctctcggaacct gtaaggacccacgagagatcacctcccgaatg accctgttcattggaaagacttgctccaacagc atcagcagccaaggtg (SEQ ID NO. 35)	<u>MGSSQAPRMGSVGGHGLMALL</u> <u>MAGLILPGILAKSIGTLPCKDP</u> <u>TRITSPNDPCLIGKTGSNSISSQG</u> <u>GSSRSAAP...</u> (SEQ ID NO. 39)	NM_001264 Corneodesmosin	Yes
3	132	2	agcagcgttggcaccggcggaaccatggctggg atttctatttcacctcttttcgttctcttgggaattgcg acgctgtcacccggtctagggtatacccccgggaat gaagttaacttattggaatcca (SEQ ID NO. 36)	<u>MAGIFYFLFSFLFGICDAVTGSRV</u> <u>YPANEVTL LDRSSRSAAP...</u> (SEQ ID NO. 40)	NM_007936	Yes

TABLE 1 (cont)

4	262	1	gccattatgagacattaacactgaatatgaaa acagactctcagagctcttcttagctctggcctccc tgaccatgtagtggagcaltcagccaacacagatg gcctctgggaagcaagctccagcagtgatgttcc atcttgccctgaagcctcctgctggagattgtggctc tctggcccgactgctgatacaacagatatacagct caggatgccagtggttgaggtaaacagaggttttaa ggaaagaaggaaagccacagata	MENRLLRVFLVW/AALTMDGASA KQDGLWESKSSSDVSSCPEASL EIVGSLARLPDQDDTAQDASVEV NRGFKKEGSPDRSSSSRSAAP...	D78270 Golgi autoantigen golgin, subfamily a3	Yes
5	309	1	cgagctctgacgaatcagatggccctgtcaact cccaggtgggattgcttggaattaacagcctfgaa cgcagagcccccgaagcagagcattcaggcgca agcagagaacacccctgcagaggtttccaagaa tccctcggcatggcaagacaaggctgtttcgggt cataccaggtataatcctgtttcaatttggccatcgg cgtaactctcttaggattcacagcaagtcgaaat taagaggccgaatgggatgaaaggacctccca cagtgttatctgactctcatlggaccaacacacatctg	MARQGCFGSYQVVISLFTFAIGN LCLGFTASRIKRAEWDEGPTVL SDSPW/TNTSGSSRSAAP...	AF123542 Phosphodiesterase sel/Nucl eotide pyrophosphatase 2	Yes
9	115	1	(SEQ ID NO. 42) cagagaatgaagccctgtacacaacacacacag attcaacgaggtgttcccttagcaaggtggaag attcagctctggtatttggaattggatgcatctctt gttttggatg	MKTCQHNRFKRGVPLARLKIQS LVFGIWMQSLFLDGSSSRSAAP... (SEQ ID NO. 45)	NM_001264 Corneodesmosin	No
			(SEQ ID NO. 43)			

Please charge any fees that may be required for the processing of this Response, or credit any overpayments, to our Deposit Account No. 03-1721.

Respectfully submitted,


Brenda Herschbach Jarrell, Ph.D.
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Dated: 9/11/2002

I hereby certify that this correspondence is being
deposited with the United States Postal service as first
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on September 11, 2002
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